

CLAIMS

1. A method of automatically inserting hyperlinks into a document, comprising:
searching one or more documents for content matching predefined forms;
marking one or more portions of one or more of the documents based on results of
searching the one or more documents;
generating one or more hyperlinks, with each hyperlink having a format based the content
of the one or more marked portions of the documents;
2. A method of automatically inserting hyperlinks into a document, comprising:
a step for searching one or more documents for content matching predefined forms;
a step for marking one or more portions of one or more of the documents based on results
of searching the one or more documents;
a step for generating one or more hyperlinks, with each hyperlink having a format based
the content of the one or more marked portions of the documents;
3. A computer system comprising:
means for searching one or more documents for content matching predefined forms;
means for marking one or more portions of one or more of the documents based on
results of searching the one or more documents;
means for generating one or more hyperlinks, with each hyperlink having a format based
the content of the one or more marked portions of the documents;
4. A computer system comprising:
a processor;
a memory coupled to the processor, with the memory storing:

a first set of instructions for searching one or more documents for content matching predefined forms;
a second set of instructions for marking one or more portions of one or more of the documents based on results of searching the one or more documents;
a third set of instructions for generating one or more hyperlinks, with each hyperlink having a format based the content of the one or more marked portions of the documents;

5. A computer-readable medium comprising:

a first set of instructions for searching one or more documents for content matching predefined forms;
a second set of instructions for marking one or more portions of one or more of the documents based on results of searching the one or more documents;
a third set of instructions for generating one or more hyperlinks, with each hyperlink having a format based the content of the one or more marked portions of the documents;

6. An automated method of defining hyperlinks for a document, comprising:

marking one or more portions of the document; and
defining one or more hyperlinks for one or more of the marked portions of the document, with each hyperlink including information based on form or content of at least a portion of one of the marked portions of the document.

7. The method of claim 6, wherein each hyperlink includes at least a portion of one of the marked portions of the document.

8. The method of claim 6, wherein each hyperlink includes a domain name common to all the hyperlinks and at least a portion of one of the marked portions of the document.

9. The method of claim 6, wherein each hyperlink includes a domain name common to all the hyperlinks and information based on a syntactic or semantic analysis of at least a portion of one of the marked portions of the document.

cl. 705/75
can
10. An automated method of processing a document comprising one or more legal citations, comprising:
marking one or more portions of the document, with each portion including at least one of the legal citations;
defining one or more hyperlinks for one or more of the marked portions of the document, with each hyperlink including a domain name common to each of the hyperlinks and information based on form or content of the one legal citation in the marked portion of the document;
in response to a selection of one of the hyperlinks, connecting a first computer hosting the document to a second computer associated with the common domain name n to each of the hyperlinks;
querying a user for commercial account information in response to connecting the first computer to the second computer;
verifying the commercial account information;
in response to a positive verification of the commercial account information, searching a database associated with the second computer, based on the information based on form or content of the one legal citation in the marked portion of the document,

for a document corresponding to the legal citation;
transferring at least a portion of the document corresponding to the legal citation to the
first computer.

11. The method of claim 10, wherein each hyperlink includes at least a portion of one of the
marked portions of the document.

12. The method of claim 10, wherein each hyperlink includes a domain name
common to all the hyperlinks and at least a portion of one of the marked portions of the
document.

13. The method of claim 10, wherein each hyperlink includes a domain name
common to all the hyperlinks and information based on a syntactic or semantic analysis of at
least a portion of one of the marked portions of the document.

14. A method of defining a hyperlink in a computer system, comprising:
marking a portion of a first document;
identifying two or more destinations for the hyperlink; and
defining the hyperlink to point to one of the two or more destinations based on one or
more predefined preferences.

15. The method claim 14 wherein retrieving one or more predefined user-preferences
includes retrieving information related to one or more preferred hyperlink destinations, or
information related to cost, or information related to access time; and wherein defining the
hyperlink includes defining the hyperlink to point to one of the two or more destinations includes

selecting one of the destination based on the retrieved preferences.

16. A method of redirecting hyperlink that includes an error, the method comprising:
selecting an alternative domain name for the hyperlink; and
substituting the alternative domain name for that of the hyperlink.
17. A method of automatically inserting hyperlinks into a document, comprising:
searching one or more documents for specific content based on lexical, syntactical,
formatting, synergetic, or heuristic combinations for specific content;
marking one or more portions of one or more of the documents based on results of
searching the one or more documents;
generating one or more hyperlinks embedded within the text at the appropriate textual
location, with each hyperlink having a format based on the content of the one or
more marked portions of the documents;
18. A method of processing a hyperlink that includes an error (or warning indicating that
content is unavailable because of errors in the URL syntax, incorrect authentication information,
or the user's content access agreement), comprising:
receiving the hyperlink
associating a new domain name with one or more original portions of the original
hyperlink; and
attempting to establish a connection rerouting the hyperlink to the other domain name,

207

407

Add
Add
Add
Add
Add